

CLAIMS

1. A fire-resistant flexible wall (1) having a first surface (3) designed to be presented to a fire area (10) and a second surface (4) on the opposite side from the first surface (3), the said wall being characterized in that it incorporates a flexible insulating material layer (6) between a first basalt fiber fabric layer (5) and the second surface (4).
2. The fire-resistant flexible wall (1) as claimed in claim 1, characterized in that it incorporates a second basalt fiber fabric layer (7) between the flexible insulating material layer (6) and the second surface (4).
3. The fire-resistant flexible wall (1) as claimed in any one of the preceding claims, characterized in that the first (5) basalt fiber fabric layer and the flexible insulating material layer (6) are joined together by stitching.
4. The fire-resistant flexible wall (1) as claimed in claim 2, characterized in that the second (7) basalt fabric layer and the flexible insulating material layer (6) are joined together by stitching.
5. The fire-resistant flexible wall (1) as claimed in claim 3 or 4, characterized in that the stitching is done with basalt yarn.
6. The fire-resistant flexible wall (1) as claimed in any one of the preceding claims, characterized in that the basalt fiber fabric (5), (7) is a fabric made of yarn, tapes, strips or filaments of basalt.
7. The fire-resistant flexible wall (1) as claimed in any one of the preceding claims, characterized in that it incorporates a flexible continuous metal layer (8).

8. The fire-resistant flexible wall (1) as claimed in claim 7, characterized in that the first (5) or second (7) basalt fiber fabric layer and the flexible continuous metal layer (6) are joined together by means of an adhesive.

9. The fire-resistant flexible wall (1) as claimed in claim 8, characterized in that the adhesive is sodium silicate-based.

10. The fire-resistant flexible wall (1) as claimed in any one of claims 7 - 9, characterized in that the flexible continuous metal layer (8) incorporates a metal or an alloy of metals selected from aluminum, titanium, and stainless steel.